

The Long Noncoding RNA *ROCKI* Regulates Inflammatory Gene Expression

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Reporting Checklist For Life Sciences Articles (Rev. June 2017)

This checklist is used to ensure good reporting standards and to improve the reproducibility of published results. These guidelines are consistent with the Principles and Guidelines for Reporting Preclinical Research issued by the NIH in 2014. Please follow the journal's authorship guidelines in preparing your manuscript.

A- Figures

1. Data

The data shown in figures should satisfy the following conditions:

- → the data were obtained and processed according to the field's best practice and are presented to reflect the results of the experiments in an accurate and unbiased manner.
- figure panels include only data points, measurements or observations that can be compared to each other in a scientifically
- meaningful way.

 graphs include clearly labeled error bars for independent experiments and sample sizes. Unless justified, error bars should not be shown for technical replicates.
- → if n< 5, the individual data points from each experiment should be plotted and any statistical test employed should be justified
- Source Data should be included to report the data underlying graphs. Please follow the guidelines set out in the author ship guidelines on Data Presentation

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Each figure caption should contain the following information, for each panel where they are relevant:

- → a specification of the experimental system investigated (eg cell line, species name).
- the assay(s) and method(s) used to carry out the reported observations and measurements
 an explicit mention of the biological and chemical entity(ies) that are being measured.
- an explicit mention of the biological and chemical entity(ies) that are being measured.
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- → the exact sample size (n) for each experimental group/condition, given as a number, not a range;
 → a description of the sample collection allowing the reader to understand whether the samples re
- a description of the sample collection allowing the reader to understand whether the samples represent technical or biological replicates (including how many animals, litters, cultures, etc.).

- a statement of how many times the experiment shown was independently replicated in the laboratory.
 definitions of statistical methods and measures:
 common tests, such as t-test (please specify whether paired vs. unpaired), simple x2 tests, Wilcoxon and Mann-Whitney tests, can be unambiguously identified by name only, but more complex techniques should be described in the methods
 - are tests one-sided or two-sided?

 - are there adjustments for multiple comparisons?
 exact statistical test results, e.g., P values = x but not P values < x;
 - · definition of 'center values' as median or average;
- definition of error bars as s.d. or s.e.m

B- Statistics and general methods

Any descriptions too long for the figure legend should be included in the methods section and/or with the source data.

the pink boxes below, please ensure that the answers to the following questions are reported in the manuscript its very question should be answered. If the question is not relevant to your research, please write NA (non applicable)

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1.a. How was the sample size chosen to ensure adequate power to detect a pre-specified effect size γ	Differences between groups were analyzed using Student's t test (paired, two-sided). Data are presented as the mean ± standard deviation (SD). N=3, Differences were considered statistically significant when p < 0.05.
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5. For every figure, are statistical tests justified as appropriate?	YES
Do the data meet the assumptions of the tests (e.g., normal distribution)? Describe any methods used to assess it.	We used student t test.
Is there an estimate of variation within each group of data?	We used student t test for viariation within each group.

Is the variance similar between the groups that are being statistically compared? Reagents 6. To show that antibodies were profiled for use in the system under study (assay and species), provide a citation, catalog	YES		
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